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PTO/SB/05 (03-01)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1488.1220003/EKS/EJH
First Inventor	Li et al.
Title	Human G-Protein Coupled Receptors
Express Mail Label No.	

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 53]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
- Oath or Declaration [Total Pages 1]
  - Newly executed (original or copy)
  - Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76.

**ADDRESS TO:**  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - CD-ROM or CD-R (2 copies); or
    - paper
  - Statements verifying identity of above copies

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U.S. PTO  
09/09/01  
09/09/01  
09/09/01**ACCOMPANYING APPLICATION PARTS**

- Assignment Papers (cover sheet & document(s))
- 37 CFR 3.73(b) Statement  
(when there is an assignee)  Power of Attorney and one Associate Power of Attorney
- English Translation Document (if applicable)
- Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
- Preliminary Amendment
- Two (2) Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- Other: Authorization under 37 C.F.R. § 1.136(a)(3)
- Other: The name of the assignee is: Human Genome Sciences, Inc.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-Part (CIP)  
Prior application information: Examiner To be assigned

of prior application No: 09/518,383  
Group/Art Unit: 1643

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

Customer No. 28730

(Insert Customer No. 28730 Attach bar code label here)or  Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.P. PATENT / TRADEMARK OFFICE Attorneys at Law		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Elizabeth J. Haanes, Ph.D.	Registration No. (Attorney/Agent)	42,613
SIGNATURE	<u>Elizabeth J. Haanes</u>		
Date	04/09/2001		

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.  
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ContAppl\_SB05\_form

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# FEE TRANSMITTAL

## for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$1,598.00) Attorney Docket No. 1488.1220003/EKS/EJH

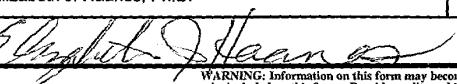
## Complete if Known

Application Number	To be assigned Cont. of 09/518,383
Filing Date	Herewith
First Named Inventor	Yi Li
Examiner Name	To be assigned
Group Art Unit	To be assigned

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																											
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number <b>19-0036</b></p> <p>Deposit Account Name <b>Sterne, Kessler, Goldstein &amp; Fox P L.L.C.</b></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr><td>Fee Code</td><td>Fee (\$)</td><td>Fee Code</td><td>Fee (\$)</td><td>Fee Description</td><td>Fee paid</td></tr> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>481</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify):</td></tr> <tr><td colspan="6">Other fee (specify):</td></tr> <tr> <td colspan="4">SUBTOTAL (1) (\$ 710.00)</td> <td colspan="2">SUBTOTAL (3) (\$)</td> </tr> <tr> <td colspan="6">*Reduced by Basic Filing Fee Paid</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid	105	130	205	65	Surcharge - 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## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Elizabeth J. Haanes, Ph.D.	Registration No. (Attorney/Agent)	42,613	Telephone	202-371-2600
Signature				Date	April 9, 2001

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04/60/01

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

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NANCY J. LEITH\*\*  
ELIZABETH J. HAANES\*\*  
MARK P. TERRY\*\*

—  
\*BAR OTHER THAN D C  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

April 9, 2001

WRITER'S DIRECT NUMBER:

(202) 218-7834

INTERNET ADDRESS:

BHAANES@SKGF.COM

Commissioner for Patents  
Washington, D.C. 20231

*Box Patent Application*

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
(Continuation of Appl. No. 09/518,383; Filed: March 3, 2000)  
Appl. No. To be assigned; Filed: Herewith  
For: **Human G-Protein Coupled Receptors**  
Inventors: Li *et al.*  
Our Ref: 1488.1220003/EKS/EJH

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
3. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
4. Application Data Sheet Under 37 C.F.R. § 1.176;
5. U.S. Utility Patent Application entitled:

**HUMAN G-PROTEIN COUPLED RECEPTORS**

Commissioner for Patents  
April 9, 2001  
Page 2

and naming as inventors:

Yi LI  
Steven M. RUBEN

the application consisting of:

- a. A specification containing:
  - i. 49 pages of description prior to the claims;
  - ii. 3 pages of claims (22 claims);
  - iii. a one (1) page abstract;
- b. 7 sheets of drawings (Figures:1A, 1B, 1C, 2, 3A, 3B, and 4);
- c. 17 pages of a paper copy of a sequence listing;
- d. A copy of the executed Declaration and Power of Attorney, as originally filed in U.S. Appl. No. 08/852,824;
- e. A copy of an assignment to Human Genome Sciences, Inc., as recorded at reel: 8968; frame: 0688;
6. A Preliminary Amendment;
7. A computer readable copy of the sequence listing;
8. A copy of the Associate Power of Attorney filed on June 3, 1999 in the U.S. Appl. No. 08/852,824 , along with the U.S. Patent and Trademark stamped returned postcard;
9. Two (2) return postcards; and
10. Our check No. **30906** for \$1,598.00 cover:

\$ 710.00 Filing fee for patent application;  
\$ 888.00 Fee for excess claims.

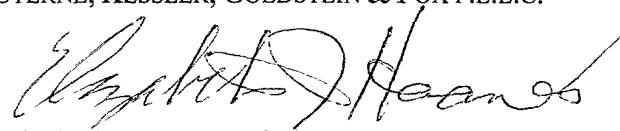
In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Commissioner for Patents  
April 9, 2001  
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Elizabeth J. Haanes, Ph.D.  
Agent for Applicants  
Registration No. 42,613

EJH/pcd  
Encls.

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